

WEST

 [Generate Collection](#) [Print](#)

Translation attached

L5: Entry 1 of 1

File: JPAB

Sep 2, 1983

PUB-N0: JP358147373A
DOCUMENT-IDENTIFIER: JP 58147373 A
TITLE: INK JET PRINTER

PUBN-DATE: September 2, 1983

INVENTOR-INFORMATION:

NAME	COUNTRY
FURUKAWA, TATSUYA	
HORIIE, MASANORI	
EBI, YUTAKA	
ISAYAMA, TAKUO	
SEKIYA, TAKURO	
TACHIKI, MASAAKI	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
RICOH CO LTD	

APPL-NO: JP57029194
APPL-DATE: February 25, 1982

US-CL-CURRENT: 347/101
INT-CL (IPC): B41J 3/04

ABSTRACT:

PURPOSE: To attain to enhance the quality of a print image, in an electric field on-demand type ink jet printer, by providing a means for removing dust or paper powder on recording paper prior to printing.

CONSTITUTION: The meniscus 4a of an ink externally formed from a nozzle 2 by the ink in an ink jet head 1 is scattered on recording paper by an electric field formed between a control electrode 5 and a rear electrode 6 to carry out printing. A vacuum pump 11 is provided to the aforementioned apparatus and dust such as paper powder on the recording paper 5 is sucked and removed by using said pump 11 to enhance the quality of a print image. In this case, by contacting a roller 2 with the surface of the recording paper 5 under pressure, dust can be removed.

COPYRIGHT: (C)1983,JPO&Japio